The Easy-Fire kiln meets the needs of teachers, institutions, camps, hobbyists, potters and others who need an easy to operate, easy to set up, easy to maintain, easy to understand, and easy to buy kiln. It has L&L’s robust and time-proven technology like ceramic element holders, industrial-grade element terminals, ceramic thermocouple protection tubes, heavy-duty elements, corrosion resistant materials, “Easy-Open, Easy-Load” spring hinge, removable control panel and zone control with four “Easy-Fire” programs.

Features & Benefits

**Temperature Rating:** Cone 10, 2350°F, 1290°C

**Loading:** Lid position, when open, rests at an angle away from the kiln without lid supports so that loading is easy.

**Hinge:** Spring loaded for easy opening while still allowing lid to be supported without supports that get in the way of loading.

**Stand:** Heavy-duty 14 gauge full solid stand with multiple bends for strength. Bolt on legs. Feet protectors included.

**Assembly:** Two or three 9” high sections stack on top of each other. Easy to assemble. Bottom is reversible.

**Construction:** Stainless steel wrapped around brick with 3 clamps on each section. All stainless screws on case.

**Insulation:** Choice of 2-1/2” or 3” K23 firebrick.

**Brick Coating:** Proprietary reflective brick coating included. This helps firebrick stay strong on the surface and helps prevent dusting.

**Patented Hard Ceramic Element Holders:** Protect brick from loading damage, keep elements from falling out of grooves, makes changing elements easy, and optimizes heat transfer to load.

**Elements:** Heavy-duty. 2 elements per 9” high section.

**Element Connections:** Proprietary all-ceramic element connection block makes changing elements easy.

**Control Panel:** All controls and components are mounted in a separate angled control panel that is piggy-backed to the element connection box. A layer of insulation and this separation helps keep the controls cool. The control panel and element box are hinged for easy access and maintenance. Control box can be easily removed for servicing. On/off switch and control fuse are included.

**Control:** DynaTrol with 4 Easy-Fire programs, 6 Vary-Fire programs, PreHeat, Delay, Program & Segment Review, and Diagnostics.

**Zone Control:** Two or three zones with separate thermocouples.

**Peephole Plugs:** Non-fragile solid ceramic with heat-locked head. 1” diameter full-view non-tapered. One per section.

**Thermocouples:** Type K 8 gauge with ceramic protection tubes.

**Relays:** Mercury free relays.

**Power Cord/Plug:** 50 Amp NEMA 6-50 six foot cord included for one phase, 50 Amp NEMA 15-50 six foot cord included for three phase.

**Instructions:** Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. In addition a web videos show how to assemble the kiln and how to fire it. ([hotkilns.com/videos](http://hotkilns.com/videos))

**Warranty:** Limited 3 year warranty. ([hotkilns.com/warranty](http://hotkilns.com/warranty))

**UL Listing:** c-MET-us listed to UL499 standards.
## Electrical Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Part Number 2-1/2&quot; Brick</th>
<th>Part Number 3&quot; Brick</th>
<th>Volt/Phase</th>
<th>Watts</th>
<th>Amps</th>
<th>Wire Size</th>
<th>Fuse Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>e23S-240 / e23S-3-240</td>
<td>K-E-23SX/31</td>
<td>K-E-23S/31</td>
<td>240/1P</td>
<td>9,460</td>
<td>39.4</td>
<td>6 ga</td>
<td>50 Amps</td>
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<tr>
<td>e23S-208 / e23S-3-208</td>
<td>K-E-23SX/21</td>
<td>K-E-23S/21</td>
<td>208/1P</td>
<td>8,320</td>
<td>40.0</td>
<td>6 ga</td>
<td>50 Amps</td>
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<tr>
<td>e23T-240 / e23T-3-240</td>
<td>K-E-23TX/31</td>
<td>K-E-23T3/31</td>
<td>240/1P</td>
<td>11,520</td>
<td>48.0</td>
<td>6 ga</td>
<td>60 Amps</td>
</tr>
<tr>
<td>e23T-208 / e23T-3-208</td>
<td>K-E-23TX/21</td>
<td>K-E-23T3/21</td>
<td>208/1P</td>
<td>9,980</td>
<td>48.0</td>
<td>6 ga</td>
<td>60 Amps</td>
</tr>
</tbody>
</table>

**UL Listing:** All models are c-MET-us listed to UL499 standard.

**Power connection:** A six foot cord with a 50 amp NEMA 6-50 for single phase units or a 15-50 plug for 3 phase units is included. (No neutral is necessary). May be direct wired.